

# **OHIO PLAN FOR RESPONSE TO RADIATION EMERGENCIES AT COMMERCIAL NUCLEAR POWER PLANTS**

## **RADIOLOGICAL EMERGENCY PREPAREDNESS PLAN**

The Ohio Plan for Response to Radiation Emergencies at Commercial Nuclear Power Plants, often referred to as a Radiological Emergency Preparedness (REP) plan, is designed to provide State officials with organizational procedures and descriptions of protective actions to be taken in the event of a radiological incident at commercial nuclear power plants within Ohio and near to Ohio's borders that could adversely impact Ohio citizens and infrastructure. The Plan conforms to guidelines established by the Federal Emergency Management Agency (FEMA) and the U.S. Nuclear Regulatory Commission (NRC), as presented in the document, NUREG 0654/FEMA REP-1, Rev. ,1 and is supplemented by county-level plans that address local radiological concerns and protective actions.

Preparation for coping with an incident at a commercial nuclear power plant is a joint cooperative effort by State, county and local governments, Federal agencies, private organizations and the utility company. This plan defines State roles, responsibilities and resources and identifies the interface that must exist between involved agencies at all levels. This plan is supported by a set of Standard Operating Procedures with detailed instructions that explain when and how each of the response actions is to be performed.

The purpose of this plan is to identify the actions that will be taken to protect the health and safety of citizens and their property in the event of an emergency at a commercial nuclear power plant.

This plan does not address incidents at the U.S. Department of Energy's facility (Portsmouth Gaseous Diffusion Plant), USEC, Inc.'s facility (American Centrifuge Plant) located in Ohio, or natural disasters such as tornadoes, floods, etc. Sections of this plan can be used as necessary for radiological accidents not occurring at commercial nuclear power plants. In case of a security incident at a commercial nuclear power plant, parts of this plan may be utilized and may be used in such a way that does not follow typical actions (i.e. actions for Security Level Alert may utilize some Site Area Emergency actions as necessary).

The Ohio Plan for Response to Radiation Emergencies at Commercial Nuclear Power Plants has been determined to contain sensitive information and is not authorized for public distribution. The document is available for public review by appointment. Contact the Radiological Analyst, Ohio Emergency Management Agency at: [toclark@dps.state.oh.us](mailto:toclark@dps.state.oh.us) to make arrangements to review the Ohio REP Plan.